



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Timothy J. O'Brien et al. Group Art Unit: 1642  
Serial No.: 09/965,738 Examiner: Gary B. Nickol  
Filed: September 27, 2001 Docket No.: 110.018US1  
Title: REPEAT SEQUENCES OF THE CA125 GENE AND THEIR USE FOR  
DIAGNOSTIC AND THERAPEUTIC INTERVENTIONS

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**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed on February 15, 2006, please amend the above-identified patent application as follows.

Amendments to the abstract begin on page 2 of this response.

Amendments to the specification begin on page 3 of this response.

An amended claim set begins on page 4 of this response.

Remarks begin on page 7 of this response.